

RAW SEQUENCE LISTING

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Application Serial Number: 10/072,084A
Source: IFW16
Date Processed by STIC: 3-8-06

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IFW/K

RAW SEQUENCE LISTING

DATE: 03/08/2006

PATENT APPLICATION: US/10/072,084A

TIME: 12:23:48

Input Set : E:\sequence.txt

Output Set: N:\CRF4\03072006\J072084A.raw

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6 <110> APPLICANT: Variation Biotechnologies Inc.
8 <120> TITLE OF INVENTION: IMMUNOGENIC FORMULATION AND PROCESS FOR PREPARATION THEREOF
10 <130> FILE REFERENCE: PAT 568A-2
12 <140> CURRENT APPLICATION NUMBER: US 10/072,084A
13 <141> CURRENT FILING DATE: 2002-02-08
15 <150> PRIOR APPLICATION NUMBER: US 09/414,484
16 <151> PRIOR FILING DATE: 1999-10-08
18 <150> PRIOR APPLICATION NUMBER: US 60/103,642
19 <151> PRIOR FILING DATE: 1998-10-09
21 <160> NUMBER OF SEQ ID NOS: 16
23 <170> SOFTWARE: PatentIn version 3.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 21
27 <212> TYPE: PRT
28 <213> ORGANISM: Human immunodeficiency virus type 1
30 <400> SEQUENCE: 1
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33 Met Met Met Glu Lys
34           20
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38 <211> LENGTH: 21
39 <212> TYPE: PRT
40 <213> ORGANISM: Human immunodeficiency virus type 1
42 <400> SEQUENCE: 2
43 Phe Tyr Lys Leu Asp Ile Val Pro Ile Asp Asn Thr Thr Ser Ser Tyr
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45 Arg Leu Ile Asn Cys
46           20
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 21
51 <212> TYPE: PRT
52 <213> ORGANISM: Human immunodeficiency virus type 1
57 <400> SEQUENCE: 3
58 Thr Ser Lys Ser Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
59   1           5           10           15
60 Gly Asp Ile Gly Asp
61           20
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 21
66 <212> TYPE: PRT
67 <213> ORGANISM: Human immunodeficiency virus type 1
69 <400> SEQUENCE: 4

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70 Phe Asn Ser Thr Trp Phe Asn Ser Thr Trp Ser Thr Glu Gly Ser Asn
71   1           5           10           15
72 Asn Thr Glu Gly Ser
73           20
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 20
78 <212> TYPE: PRT
79 <213> ORGANISM: Human immunodeficiency virus type 1
81 <400> SEQUENCE: 5
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83   1           5           10           15
84 Gly Gly Gly Asp
85           20
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 24
90 <212> TYPE: PRT
91 <213> ORGANISM: Hepatitis C virus
93 <400> SEQUENCE: 6
94 Ala Thr Thr Tyr Val Thr Gly Gly Ala Ala Ala Arg Ala Thr Ala Gly
95   1           5           10           15
96 Leu Ala Ser Leu Phe Ser Pro Gly
97           20
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 14
102 <212> TYPE: PRT
103 <213> ORGANISM: Hepatitis C virus
105 <400> SEQUENCE: 7
106 Ile Ser Tyr Ala Asn Gly Ser Gly Pro Asp Gln Arg Pro Tyr
107   1           5           10
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 21
112 <212> TYPE: PRT
113 <213> ORGANISM: Influenza A virus
115 <400> SEQUENCE: 8
116 Glu Thr Gly Lys Arg Gly Gly Lys Ser Ser Gly Ser Ser Tyr Pro Val
117   1           5           10           15
118 Leu Asn Val Ser Tyr
119           20
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 21
124 <212> TYPE: PRT
125 <213> ORGANISM: Influenza A virus
127 <400> SEQUENCE: 9
128 Lys Lys Gly Ser Val His His Pro Ser Thr Ile Thr Glu Gln Thr Ser
129   1           5           10           15
130 Leu Tyr Val Asn Ala
131           20
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 21

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136 <212> TYPE: PRT
137 <213> ORGANISM: Influenza A virus
139 <400> SEQUENCE: 10
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142 Ile Asp Thr Cys Asp
143           20
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147 <211> LENGTH: 21
148 <212> TYPE: PRT
149 <213> ORGANISM: Influenza A virus
151 <400> SEQUENCE: 11
152 Tyr Val Ser Val Ser Ser Arg Ile Ala Ser Arg Pro Lys Val Arg
153   1           5           10           15
154 Gly Gln Gly Asp Thr
155           20
158 <210> SEQ ID NO: 12
159 <211> LENGTH: 28
160 <212> TYPE: PRT
161 <213> ORGANISM: Human immunodeficiency virus type 1
163 <400> SEQUENCE: 12
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167           20           25
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171 <211> LENGTH: 30
172 <212> TYPE: PRT
173 <213> ORGANISM: Human immunodeficiency virus type 1
176 <400> SEQUENCE: 13
177 Met Thr Thr Glu Leu Arg Asp Lys Lys Gln Lys Glu Tyr Ala Leu Phe
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180           20           25           30
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184 <211> LENGTH: 27
185 <212> TYPE: PRT
186 <213> ORGANISM: Human immunodeficiency virus type 1
190 <400> SEQUENCE: 14
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194           20           25
197 <210> SEQ ID NO: 15
198 <211> LENGTH: 24
199 <212> TYPE: PRT
200 <213> ORGANISM: Human immunodeficiency virus type 1
202 <400> SEQUENCE: 15
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205 Asn Asn Thr Glu Gly Ser Asp Thr
206           20
209 <210> SEQ ID NO: 16
210 <211> LENGTH: 15
211 <212> TYPE: PRT
212 <213> ORGANISM: Human immunodeficiency virus type 1
214 <400> SEQUENCE: 16
215 Gly Asn Asn Asn Ser Ser Asn Glu Ile Phe Arg Pro Gly Gly Gly
216   1           5           10           15
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VERIFICATION SUMMARY

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